

MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

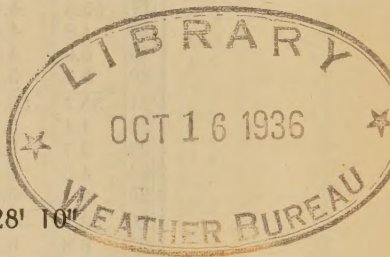
LAT. $33^{\circ} 54' 22''$ N.

LONG. E. FROM GREENWICH $35^{\circ} 28' 10''$

AUGUST, 1936

J. A. BROWN, DIRECTOR

Printed at the American Press
Beirut, Syria



AUGUST 1936

METEOROLOGICAL REGISTER

Date	Barometer reduced to oC Sea level and 45 Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	52.4	52.4	53.2	52.7	33.6	25.0	30.3	32.9	27.1	30.1
2	4.6	5.0	5.7	5.1	34.2	24.8	31.1	33.8	27.3	30.7
3	7.4	6.5	6.7	6.9	34.3	24.8	29.9	33.3	27.3	30.1
4	5.9	5.2	5.9	5.7	33.3	24.8	29.9	31.6	27.1	29.5
5	5.7	5.6	5.7	5.7	32.0	25.6	29.6	28.5	26.7	28.3
6	56.0	55.4	55.6	55.7	32.3	26.7	28.5	31.3	26.8	28.9
7	6.2	4.7	4.5	4.8	33.0	26.9	30.4	31.4	28.4	30.1
8	4.0	3.3	3.0	3.4	33.4	27.7	30.1	30.7	28.4	29.7
9	3.5	3.6	3.3	3.5	33.2	27.3	31.4	32.4	28.9	30.9
10	6.0	6.1	6.8	6.3	33.7	25.6	31.2	33.2	27.8	30.7
11	57.5	56.9	57.3	57.2	33.0	24.0	30.1	32.6	27.1	29.9
12	6.7	6.1	5.6	6.1	32.3	23.9	29.6	31.6	26.2	29.1
13	6.2	6.0	5.4	5.9	33.2	26.0	29.5	31.6	27.3	29.5
14	6.2	6.6	6.3	6.4	34.3	26.0	30.1	33.8	28.6	30.8
15	6.2	6.4	6.0	6.2	34.3	25.0	30.7	33.4	28.3	30.8
16	55.9	55.2	55.4	55.5	33.8	25.0	30.3	32.9	27.6	30.3
17	55.3	4.4	4.6	4.8	33.0	25.0	27.5	31.1	26.9	28.5
18	4.8	4.4	4.6	4.6	34.1	26.7	29.5	33.2	28.5	30.4
19	5.0	4.9	5.1	5.0	34.0	26.8	29.5	32.1	28.1	29.9
20	5.7	5.7	5.8	5.7	34.6	26.9	29.8	33.5	28.6	30.6
21	55.7	55.4	55.2	55.4	34.0	25.0	30.7	33.4	27.8	30.6
22	4.4	3.4	3.5	3.8	34.3	24.0	30.3	32.9	27.9	30.4
23	3.7	3.5	3.8	3.7	33.0	24.9	29.8	32.1	27.3	29.7
24	4.6	4.4	5.2	4.7	32.9	24.3	30.3	32.6	26.5	29.8
25	6.1	5.8	6.2	6.0	33.1	24.3	29.5	32.9	25.8	29.4
26	56.7	56.5	56.8	56.7	33.4	24.2	30.2	32.6	27.5	30.1
27	6.8	6.4	6.3	6.5	33.2	24.1	30.7	32.2	27.3	30.1
28	6.2	5.4	6.2	5.9	32.1	23.3	29.9	31.4	26.5	29.3
29	6.1	5.7	6.1	6.0	33.0	24.4	29.5	32.3	26.9	29.6
30	6.6	6.0	6.8	6.5	32.6	24.6	29.5	31.9	27.4	29.6
31	8.4	8.5	8.5	8.5	32.3	23.6	29.5	30.9	26.5	29.0
	755.67	755.34	755.52	755.51	33.34	25.20	29.97	32.26	27.46	29.88

Barometer, range for month 752.4 mm. - 758.5 mm.

„ 50-yr. average for month 756.173 mm.

Thermometer, Range for month 23.3° C. - 34.6° C.

„ 50-yr. average for month 28.39° C.

Rain, total for month 0.000 mm.

„ , 50-yr. average for month 0.51 mm.

„ , total, Sept. 1st to end of month 877.682 mm.

50-yr. average, Sept 1st to end of month 907.56 mm

AUGUST 1936

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
	8:30	14:30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	25.9	27.1	24.6	21.2	21.4	20.8	21.2	65	57	79	67.0	12.8	
2	25.4	27.1	25.8	19.4	20.8	23.4	21.2	57	53	87	65.7	12.7	
3	26.2	27.1	26.3	21.9	21.2	24.4	22.5	68	55	91	71.3	12.8	
4	25.1	25.1	25.9	19.6	18.4	23.9	20.6	63	52	90	68.3	12.4	
5	24.2	23.8	23.5	18.1	18.2	18.9	18.4	59	63	72	64.7	3.8	
6	24.6	25.4	24.6	19.7	19.2	20.6	19.8	68	56	76	66.7	6.2	
7	25.6	26.7	25.5	20.4	21.9	21.5	21.3	59	63	76	66.0	7.9	
8	26.3	26.4	26.4	22.0	21.7	23.6	22.5	69	66	83	72.7	2.3	
9	27.5	27.5	26.8	23.6	22.9	24.2	23.6	69	63	92	71.3	1.6	
10	26.9	27.4	24.8	22.5	22.0	20.7	21.4	67	53	75	66.7	9.1	
11	25.4	26.2	25.7	20.2	19.9	23.3	21.1	63	54	88	68.3	12.3	
12	22.6	23.6	22.4	15.4	15.8	17.1	16.1	50	45	68	54.3	12.4	
13	24.3	25.6	24.7	18.4	19.4	20.9	19.6	60	55	78	64.3	12.5	
14	26.6	28.1	26.2	22.8	26.6	22.9	24.1	72	67	79	72.7	12.5	
15	26.7	27.7	26.8	22.4	22.5	24.8	23.2	68	59	87	71.3	12.3	
16	25.7	26.5	24.6	20.6	20.3	20.4	20.4	60	54	74	62.7	12.4	
17	24.5	25.1	24.6	20.3	18.7	21.0	20.1	74	55	80	69.7	3.0	
18	25.6	27.1	25.5	21.1	21.3	21.5	21.3	68	56	75	66.3	7.2	
19	26.3	26.9	26.2	22.5	21.9	23.4	22.6	73	62	83	72.7	8.3	
20	26.5	27.9	26.1	22.7	25.4	22.7	23.6	72	65	78	71.7	6.8	
21	26.3	26.8	24.9	21.5	20.7	20.9	21.0	65	54	76	65.0	11.7	
22	22.8	26.5	24.5	15.4	20.3	19.9	18.5	47	54	71	57.3	12.0	
23	24.9	25.9	23.9	19.4	19.3	19.3	19.5	62	56	72	63.3	11.5	
24	24.7	25.1	23.4	18.7	17.7	18.8	18.4	58	48	73	59.7	11.4	
25	23.3	24.6	23.5	16.6	16.3	19.6	17.6	55	45	79	59.7	12.0	
26	25.3	26.4	25.2	19.9	20.3	21.7	20.6	62	56	80	66.0	12.1	
27	25.4	25.7	24.4	19.7	19.3	20.2	19.7	59	54	76	63.0	11.4	
28	24.3	24.1	22.4	18.1	16.7	16.9	17.2	57	48	65	56.6	10.9	
29	25.9	25.2	23.4	21.8	18.2	18.5	19.5	71	51	69	63.7	11.0	
30	25.7	23.9	23.6	21.3	16.2	18.6	18.7	69	45	69	61.0	11.4	
31	24.1	24.2	22.7	18.0	17.2	17.6	17.6	59	52	68	59.7	9.2	
				20.2	20.1	21.0	20.4	63.5	55.5	77.4	65.5	9.87	

Height of Barometer above sea level: 33.7 meters.

" " Thermometers above ground:

Dry and wet 1.55 m.: Max. 1.75 m.: Min. 1.70 m.

Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Time of readings minus 2 hours equals G. C. T.

50-year averages are for period, 1875-1924

AUGUST 1936

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Kms.		
1	1cu	2cu	0	1.0	1sw	2sw	0	153.4	light	
2	2cuci	1ci	0	1.0	1sw	1sw	0	136.7	"	
3	0	0	0	0.0	1sw	1sw	0	29.3	slight	
4	3cu	3cu	3cu	3.0	1sw	1sw	1sw	125.2	mod.	
5	6stcu	9cu	8cu	7.7	1sw	0	0	84.2	"	
6	10cu	3stcu	7cu	6.7	1sw	1sw	1sw	61.7	light	
7	4ci, stcu	8stcu	9cu	7.0	1sw	2sw	1sw	88.8	slight	
8	7ci, cu	10cu	4stcu	7.0	1sw	0	0	119.0	"	
9	7stcu	10cu	7cu	8.0	1sw	1sw	0	37.8	light	
10	3ci, stcu	6stcu	4stcu	4.3	2sw	1sw	1w	163.3	slight	
11	5stcu	1cu	2cu	2.7	1sw	1sw	1sw	89.3	"	
12	0	0	0	0.0	1sw	1sw	0	141.1	"	sirocco
13	0	0	0	0.0	1sw	1sw	1sw	159.3	mod.	
14	1stcu	0	0	0.3	2sw	1sw	0	231.1	"	
15	0	0	1cu	0.3	1sw	1sw	1sw	103.5	light	
16	1cu	1cu	0	0.7	2sw	2sw	0	233.6	mod.	
17	8cu	6stcu	4stcu	6.0	0	1sw	0	88.5	slight	
18	8stcu	3ci, stcu	8stcu	6.3	1sw	1w	0	52.5	"	
19	6ci, stcu	6ci, stcu	4stcu	5.3	1w	1w	0	93.5	"	
20	8stcu	7stcu	0	5.0	0	1sw	0	79.1	mod.	mist a.m.
21	3stcu	1cu	2cu	2.0	1w	1sw	1w	195.5	slight	
22	2cu	1cu	0	1.0	1w	1sw	1sw	228.4	mod.	
23	0	1cu	2cu	1.0	1sw	2w	0	197.4	slight	
24	2cu	0	0	0.7	1sw	1sw	0	58.1	mod.	
25	1cu	5stcu	0	2.0	0	1sw	0	203.2	slight	
26	1cu	0	1cu	0.7	1sw	2w	0	61.3	light	
27	3cu	1cu	4cu	2.7	1sw	1sw	1sw	82.1	slight	
28	3stcu	2cu	5stcu	3.3	1sw	2sw	1sw	138.1	"	
29	1cu	3stcu	6stcu	3.3	1sw	1sw	1w	121.8	"	
30	2cu	3cu	5stcu	3.3	1sw	1sw	1sw	224.2	mod.	
31	3stcu	4stcu	5stcu	4.0	2sw	2sw	1sw	121.7	slight	
				3.11	1.0	1.2	0.5	129.12		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	0	0	0	0	0	25	3	0	3	31
14:30	0	0	0	0	0	25	4	0	2	31
20:30	0	0	0	0	0	12	2	0	17	31
Totals	0	0	0	0	0	62	9	0	22	93

Number of days with rain 0, fog 0, thunderstorms 0, gales 0.

50-yr. average number of days with rain during month 0.2